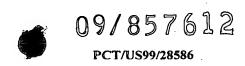
FIGURE

VYPLILVPGNGGNQLEVR REVLLHPLVLVPGLTCSELDAR LPPVVVVPGYATNELDAR NFHPIFLVAGVSCSDLEAR LDPLILIPGNGGNQLEAR	CESDRMMLYYDPDLDDY CEMEQMALVYDPVANDY CEREQMATAYDAASDDY CEEEGMSLVYDPAINEY CERERMTLHYHQELDDY	CGYVNDQTIL -GYRDGDTLF -AYRDGENLF -GYRDGDTMF -GYADGETLF	LFVLHFLNRTTPSWR MVALEFVRSTPMAWR TVAHQFLLRRPLPWR MVALEFVRNTPPAWR LFVLQLLNRNPPSWR	VRRHQRTSESNQWLLPS NFRPMWRTFESSLVNFPS ALKGEYRSLQSSLWPLPNRAMWRSFESAIVNFPS VRDEQRSSESNLWLLPN
MKKI-SSHYSVVIAILVVVTMTSMCQAVGSNVYPLILVPGNGGNQLEVR MAR-IPQVLAPLLLLLPAGLRELMIDRRPLPKRCRREVLLHPLVLVPGLTCSELDAR MVHDMASCSRGGTIVLSKFASTTRRAPKQLPPVVVVPGYATNELDAR MASSLLQQLLSLLLLLLPSPLRLREHLSGNHAVSANNFHPIFLVAGVSCSDLEAR MKKEQEEGL-KIEVATLTVTVVVMLSLLCTCGASNLDPLILIPGNGGNQLEAR	LDREYKPSSVWCSSWLYPIHKKSGGWFRLWFDAAVLLSPFT-RCFSDRMMLYYDPDLDDY LTDAYRPFRAACDEGEGLVRLWTNCSDLPAHHYVRCFMEQMALVYDPVANDY LTELYHPSSPRCAHKGKGWFRLYLNYTALEDAADVRCFAEQMATAYDAASDDY LTEEYRPSVPHCGAMKGKGWFGLWKNSSELLSRDYVQCFEEQMSLVYDPAINEY LTNQYKPSTFICESW-YPLIKKKNGWFRLWFDSSVILAPFT-QCFAERMTLHYHQELDDY	QNAPGVQTRVPHFGSTKSLLYLDPRLRDATSYMEHLVKALEKKCGYVNDQTIL RNLPGVETRVRNFGSSRGF-QKNPEHTTWSWCFEVLRNELARA-GYRDGDTLF RNAQGVETRVPFFGSTRAFRYPDPDRRNF-SYMDKFVSRLERL-AYRDGENLF RNLAGVETRVPNFGSTRAFSHKNPLKSDWCLGKLRAALEDM-GYRDGDTMF FNTPGVETRVPHFGSTNSLLYLNPRLKHITGYMAPLVDSLQKL-GYADGETLF	GLAASGHPSRVASQFLQDLKQLVEKTSSENEGKPVILLS APPVPGQPSRSSPATSVGWPSLVEDASRKNRGRKVILFG AVAPPGHPSRVADAFFGRLRRLVERASRANGGGPVTIVA APPSPGQTSEVYSRYFKELMELVEAASERTR-KKAVILG GLAAEGHPSQVGSKFLKDLKNLIEEASNSNNGKPVILLS	RKYIKHFVALAAPW-GGTISQMKTFASGNTLG-VPLVNPLLVRRHQRTSESNQWLLPS DRYIKHLFLVAPVPAEGFVKPLQYFVSGSNLMYVPTVSSLEPAFRPMWRTFESSLVNFPS RRFVRRFVPVAAPW-GGVVLGMLTIVAGNNLG-LPFVDPLALKGEYRSLQSSLWPLPN REHIERLVLVAPTLPGGFLEPVRNFASGTDILYVPATTPLATRAMWRSFESAIVNFPS KKFIKHFIALSAPW-GGAIDEMYTFASGNTLG-VPLVDPLLVRDEQRSSESNLWLLPN
MKKI-SS MAR-IPQVLAPI MVHDMAS MASSLLQQLLSI MKKEQEEGL-K	LDREYKPSSVWCSSWLYP. LTDAYRPFRAACDE LTELYHPSSPRCA LTEEYRPSVPHCGA LTNQYKPSTFICESW-YP	QNAPGVQTRVP RNLPGVETRVR RNAQGVETRVP RNLAGVETRVP	GLAASGHPSR APPVPGQPSR AVAPPGHPSR APPSPGQTSE GLAAEGHPSC	RKYIKHFVAL <i>P</i> DRYIKHLFLV <i>P</i> RRFVRRFVPV <i>P</i> REHIERLVLV [®] KKFIKHFIALS
Arabidopsis (gi 3935185) corn (SEQ ID NO:2) corn (SEQ ID NO:4) corn (SEQ ID NO:6) soybean (SEQ ID NO:8)	Arabidopsis (gi 3935185) corn (SEQ ID NO:2) corn (SEQ ID NO:4) corn (SEQ ID NO:6) soybean (SEQ ID NO:8)	Arabidopsis (gi 3935185) corn (SEQ ID NO:2) corn (SEQ ID NO:4) corn (SEQ ID NO:6) soybean (SEQ ID NO:8)	Arabidopsis (gi 3935185) corn (SEQ ID NO:2) corn (SEQ ID NO:4) corn (SEQ ID NO:6) soybean (SEQ ID NO:8)	Arabidopsis (gi 3935185) corn (SEQ ID NO:2) corn (SEQ ID NO:4) corn (SEQ ID NO:6) soybean (SEQ ID NO:8)



Arabidopsis (gi 3935185) TKVFHDRTKPLVVTPQVNYTAYEMDRFFRADIGFSQGVVPYKTRVLPLTEELMTPGVPV corn (SEQ ID NO:2) PAVFGRRPLVVTARRNYSAYDLEDLLVAVGYGAGVEPFRRAVPKMSYFQAPMVPT corn (SEQ ID NO:4) PNAFRA-GQPLVTTRSRTYTAHDMADFLDAIGLGAAIVPYQSRVLPLFRELPSPRVPV corn (SEQ ID NO:6) PAVFGRLQAPLVVTRERNYSASAHDMERFLAAVGSGEAAEPFRRRAVPKMGSFAAPMVPM soybean (SEQ ID NO:8) PKIF-GPQKPIVITPIRPYSAHDMVDFLKDIGFPEGVYPYETRILPLIGNIKAPQVPI	TKVFHDRTKPLVVTPQVNYTA- PAVFGRRPLVVTARRNYSA- PNAFRA-GQPLVTTRSRTYTA- PAVFGRLQAPLVVTRERNYSAS	YEMDRFFADIGFSÇ YDLEDLLVAVGYGA HDMADFLDAIGLGP SAHDMERFLAAVGSGE HDMVDFLKDIGFPE	TKVFHDRTKPLVVTPQVNYTAYEMDRFFFADIGFSQGVVPYKTRVLPLTEELMTPGVPV PAVFGRRPLVVTARRNYSAYDLEDLLVAVGYGAGVEPFRRRAVPKMSYFQAPMVPT PNAFRA-GQPLVTTRSRTYTAHDMADFLDAIGLGAAIVPYQSRVLPLFRELPSPRVPV PAVFGRLQAPLVVTRERNYSASAHDMERFLAAVGSGEAAEPFRRRAVPKMGSFAAPMVPM PKIF-GPQKPIVITPIRPYSAHDMVDFLKDIGFPEGVYPYETRILPLIGNIKAPQVPI
Arabidopsis (gi 3935185) TCIY corn (SEQ ID NO:2) TCMN corn (SEQ ID NO:4) ACVV corn (SEQ ID NO:6) TYIS soybean (SEQ ID NO:8) TCIM	TCIY TCMN ACVV TYIS TCIM	KQPEIK- ATPEIV- VTPMMV- AAPEVAA ERPEIS-	ASLAALKVDS-LN VSMLAFDEKMRRQPEQNKVYK VSLLAVDP-AWRLPTA-Y-FR ISVLAFEKEMRRQPEQKKQFK VSLLALQS-LWKEEKNQY-LK
Arabidopsis_(gi 3935185) corn_(SEQ ID NO:2) corn_(SEQ ID NO:4) corn_(SEQ ID NO:6) soybean_(SEQ ID NO:8)	85) TVEIDGVSHTSILKDEIALKEIMKQISIINYELANVNAVNE SIKIRGAQHGTIVTDDTALKRVMHEILEANRS MLKVRNVSHTGLFVDDAALAVIISAILRPN SIKINKAQHSTIVTDDFALHRVIQEIVEANNQKIPS VVKIDGVSHTSILKDEVALNEIVGEITSINSHAELGLSNLFSG	IMKQISIINYELAN VMHEILEANR IISAI VIQEIVEANNQK	ANVNAVNE S IRPN IPS GLSNLFSG